



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: August 22, 2021
RELEASED: August 23, 2021

FREQUENCY: Weekly
VOL. 42 NO. 21

WEATHER

Temperature lows for California ranged from low 30s to high 60s in the mountains, high 40s to low 70s along the coast, low 50s to mid 80s in the desert, and low 50s to low 80s in the valley. Temperature highs for the state ranged from low 60s to low 100s along the coast, high 60s to mid 90s in the mountains, mid 70s to high 100s in the desert, and high 70s to high 100s in the valley.

FIELD CROPS

Across the Central Valley, **cotton** bolls were developing. **Alfalfa** continued to be cut, dried and baled. With the summer heat, row crops like **corn** needed extra irrigation. Corn was being chopped for silage and **dry beans** were maturing. Some fields were fallow in preparation for fall plantings. In Tulare County, corn planted for silage was starting to tassel out. Corn fields that had been harvested were fertilized with cow manure. **Sudan** was cut, dried and baled. **Sorghum** fields were cultivated for weeds. Dry bean fields were still being treated for weeds and insect pests. In the Sacramento Valley, **rice** continued to mature ahead of schedule. **Sunflower** fields were drying down in preparation for harvest.

FRUIT CROPS

Stone fruit harvest continued. Some orchards were pushed out and prepared for burning. Freestone and clingstone **peaches**, **nectarines**, **plums**, **pears**, and **pluots** were harvested. **Kiwifruit** maturity progressed. **Pomegranate** and **persimmon** trees were setting fruit. Various fruit orchards were pulled for replanting. Table **grapes**, wine grapes, and Gala **apples** were harvested. Some vineyards were covered with plastic sheeting to protect from future rainfall. **Pummelo**, **tangelo**, **lemon**, **lime**, and **grapefruit** harvests were still underway. Valencia **oranges** were reportedly soft due to lack of water in Tulare county. Older citrus groves were expressing higher heat stress where water was in short supply. **Quince** began to show color and were sizing up. **Olives** continued to increase in size. **Strawberries** were harvested.

NUT CROPS

Almond harvest continued with some shaking and picking up the nuts from the fields, while other orchards were treated for weeds in anticipation of harvest. **Walnut** maturation was ongoing. **Pistachio** development continued.

VEGETABLE CROPS

Across the Central Valley, processing **tomatoes**, **sweet corn**, and **melons** were harvested. In San Mateo County, **basil**, **lettuce**, **cabbage**, and **onions** were harvested. In Stanislaus County, **peppers** continued to grow. In Tulare County, spring lettuce, onions, **eggplants**, **zucchini**, and **herbs** were harvested. New **squash** and bell peppers continued to develop. Sweet corn, **cucumbers**, peppers, tomatoes, and watermelons were sold at local markets and roadside stands.

LIVESTOCK

Rangeland and non-irrigated pastures were in poor to very poor condition. Irrigated pasture remained in good to excellent condition. Some livestock were moved to areas with better grazing and water conditions. Ranchers continued supplemental feeding and watering of cattle due to the poor range conditions. Fire evacuations and relocation of livestock continued as wildfires consumed more forest and rangeland. Some bees were active in late sunflower fields, while some hives were placed near water sources.

CALIFORNIA CROP WEATHER – WEEK ENDING AUGUST 22, 2021

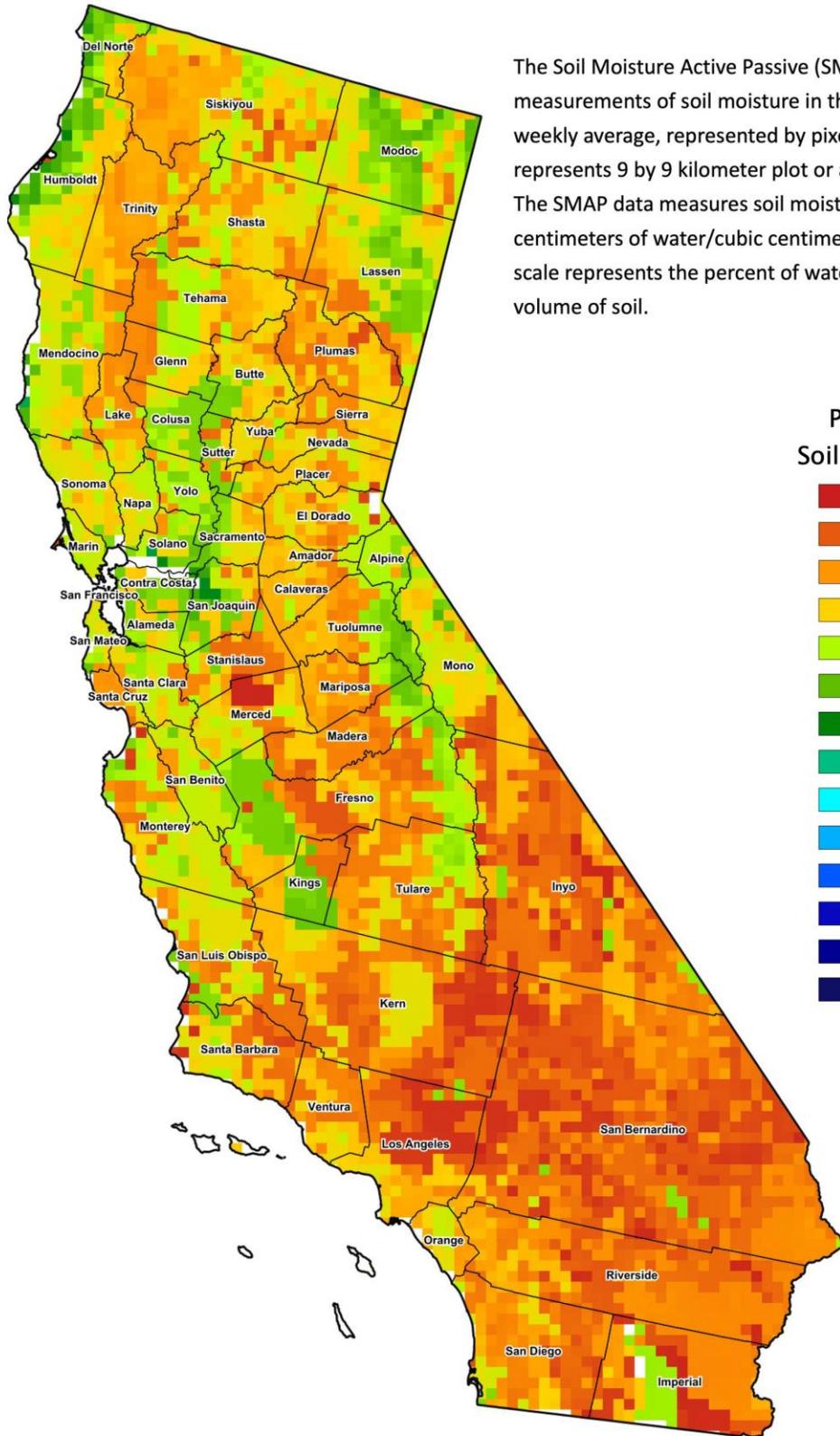
STATIONS	TEMPERATURE				GROWING DEGREE HOURS AT 60°F BASE		RAIN DAYS	PRECIPITATION ¹			
	Average for Week Ending Aug 22, 2021	Departure from Normal ²	High	Low	This Year	Normal Year ²	This Season	This Week	This Season	Normal Season ²	Normal Year ²
					Jan 1 - Aug 22, 2021	Jan 1 - Aug 22, 2021	Oct 1 - Aug 22, 2021	Week Ending Aug 22, 2021	Oct 1 - Aug 22, 2021	Oct 1 - Aug 22	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days ³ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	59	0	73	48	27	0	105	0.01	24.55	39.61	40.53
Ukiah	75	3	102	52	1681	1070	51	0.00	13.47	36.83	37.61
Santa Rosa	66	-1	102	50	750	632	44	0.00	12.87	35.88	36.51
Napa State Hospital	65	-1	84	53	602	474	41	0.00	7.48	20.06	20.52
Central Coast											
San Francisco	66	1	76	58	529	323	40	0.00	7.84	20.46	20.79
San Jose	69	-2	83	59	898	1009	33	0.00	5.33	14.67	15.02
Salinas	67	3	76	58	439	276	38	0.00	5.81	12.65	12.91
Monterey	66	4	75	59	398	75	39	0.00	7.57	15.91	16.23
Paso Robles	69	-4	95	54	1511	1133	22	0.00	6.74	12.51	12.87
Sacramento Valley											
Redding	81	2	101	58	2586	1906	52	0.00	13.82	33.91	34.80
Red Bluff	80	1	101	59	2574	1889	46	0.00	9.23	23.94	24.63
Willows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oroville	78	0	102	59	2423	1758	38	0.00	8.77	30.85	31.72
Marysville	75	-1	102	54	2078	1584	36	0.00	7.14	22.25	22.88
Sacramento	74	-1	101	56	1908	1453	33	0.00	6.68	20.84	21.35
San Joaquin Valley											
Stockton	72	-4	100	53	1654	1514	28	0.00	7.89	13.77	14.14
Modesto	74	-4	100	56	1926	1846	25	0.00	7.13	12.84	13.19
Merced Macready	76	0	100	57	2133	1618	29	0.00	7.01	12.20	12.59
Madera	76	-1	102	56	2140	1705	19	0.00	1.78	11.75	12.10
Fresno	81	0	103	62	2817	2166	26	0.00	6.59	11.32	11.57
Lemoore	78	1	106	58	2360	1728	22	0.00	4.30	7.72	7.95
Visalia	77	-2	98	60	2435	1896	26	0.00	5.15	10.77	10.99
Bakersfield	82	0	105	64	2972	2243	20	0.00	2.78	6.37	6.51
Cascade Sierra											
Alturas	62	-2	95	33	831	376	61	0.00	5.91	13.53	14.22
Mount Shasta	67	1	93	42	1120	495	70	0.00	18.76	42.42	43.48
Blue Canyon	67	-2	91	56	1182	597	66	0.00	30.97	63.47	65.00
Yosemite Valley	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South Coast											
Santa Maria	65	1	77	55	396	233	25	0.00	6.89	13.80	14.05
Santa Barbara	67	1	77	55	613	421	17	0.00	7.32	17.46	17.89
Oxnard	69	3	77	59	676	460	13	0.00	2.82	14.41	14.71
Riverside	76	-3	98	64	2126	1770	16	0.00	4.54	12.15	12.50
Los Angeles	71	1	79	65	929	806	15	0.02	5.14	12.59	12.92
San Diego	74	2	79	69	1374	999	31	0.00	4.75	10.18	10.42
Southeast Interior											
Bishop	76	1	107	52	1892	1386	9	0.00	1.70	4.95	5.21
Daggett	86	-1	109	65	3495	2847	13	0.00	0.85	3.79	4.08
Lancaster	77	-4	102	58	2588	1984	14	0.00	1.37	7.20	7.43
Thermal	90	0	108	73	4091	3450	9	0.00	0.96	2.89	3.22
Blythe	92	-1	107	70	4303	3863	9	0.00	1.23	3.28	3.85
Imperial	90	-3	107	71	3978	3631	1	0.00	0.69	3.00	3.46

¹ Rain or melted snow/ice.

² Normal periods 1980-2010 used in departure from normal calculations.

³ Total number of days with precipitation events this season.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.
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The Soil Moisture Active Passive (SMAP) provides measurements of soil moisture in the root zone as a weekly average, represented by pixels. Each pixel represents 9 by 9 kilometer plot or about 20,000 acres. The SMAP data measures soil moisture in cubic centimeters of water/cubic centimeters of soil. The scale represents the percent of water in a given volume of soil.

Percent Soil Moisture

- 0%
- 5%
- 10%
- 15%
- 20%
- 25%
- 30%
- 35%
- 40%
- 45%
- 50%
- 55%
- 60%
- >65%